



FIBRE GLAST DEVELOPMENTS CORP.
385 CARR DRIVE
BROOKVILLE, OH 45309
REV 06/11

TELEPHONE: (937) 833-5200
FAX: (937) 833-6555
**FOR CHEMICAL EMERGENCY
CALL (800) 424-9300 24 HRS.**

SECTION 1 - PRODUCT INFORMATION

PRODUCT NAME: PART #1101-A EPOXY PASTE ADHESIVE

PROPER SHOPPING NAME: PLASIC MATERIAL LIQUID, N.O.I.

CONTAINS: NOT REGULATED

HAZARD CLASS: N.A.

UN NUMBER: N.A.

PACKAGING GROUP: N.A.

HAZARD LABEL(S): N.A.

HMIS CODES:		RATINGS:
HEALTH = 2	0 = MINIMAL	3 = SERIOUS
FLAMMABILITY = 1	1 = SLIGHT	4 = SEVERE
REACTIVITY = 0	2 = MODERATE	

Personal protection rating to be supplied by user depending on use conditions.

SECTION 2 - PRODUCT/COMPOSITION

The precise composition of this product is privileged information. A more complete disclosure can be provided to a health, safety, or regulatory professional if required.

<u>NO.</u>	<u>COMPONENT</u>	<u>CASE #</u>	<u>PERCENT</u>
1	TRIPHENYL PHOSPHITE	101-02-0	< 12 %

NOTE: Contains material(s) regulated as dust hazards, dispersed in a non-hazardous form. If dust is recreated, appropriate respiratory and/or explosion precautions must still be used.

SECTION 3 - HAZARD STATUS

NO.	CANCER	REPRO-TOX	TARGET ORGANS	ACGIH/TLV	OSHA/PEL
1	NO	NO	UNKNOWN	N.A. mg/M ³	N.A. mg/M ³

SECTION 4 - REGULATORY STATUS

A. CAL SAFE DRINKING WATER & TOXIC ENFORCEMENT ACT OF 1986

NO.	CHEMICAL NAME	CANCER/REPRO. TOX	QUANTITY
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This product may contain traces of, or other prop. 65 listed chemicals as impurities. However, none are used as ingredients.

B. CERCLA - 40 CFR 302

Releases exceeding the reportable quantity (RQ) must be reported to the National Response Center (800)424-8802.

RQ not established or required for this product.

C. OSHA - 29 CFR 1910

According to OSHA criteria the following component(s) are hazardous.

1	TRIPHENYL PHOSPHITE		101-02-0	<12%
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D. RCRA - 40 CFR 261

Not a hazardous waste by RCRA criteria (40CFR261.20-24)

E. SARA TITLE III - 52 CFR 13378, 52 CFR 21152

NO.	RQ (lbs) (.1)	TPQ (lbs) (.2)	SEC. 313 (.3)	313 CAT. (.4)	311/312 (.5)
1	NONE	NOT LISTED	NOT LISTED	NONE	H1

Other SARA substance(s) if present are all below the de minimus concentration(s).

- .1 = Reportable quantity of extremely hazardous substance, Sec. 302
- .2 = Threshold planning quantity, extremely hazardous substance, Sec. 302
- .3 = Toxic chemical, Sec. 313 (Individual chemical listed)
- .4 = Toxic release inventory form category Sec. 313 (40 CFR 372.65 C)
- .5 = Hazard category for SARA Sec. 311/312 reporting.
- H1 = Immed. (Acute) health hazard
- H2 = Delayed (Chronic) health hazard
- P3 = Fire hazard

P4 = Sudden pressure release hazard
P5 = Reactive Hazard

F. TSCA - 44 CFR 59764

All components listed

G. VOC - SCAQMD RULES

NO.	CHEMICAL NIL	QUANTITY	VP mm HG	gms. / l @ 20°C
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NOTE – This product does not contain solvents, but may contain ingredients with VP's low enough to be emitted if heated alone. When 2 part resins and hardeners are properly mixed together these ingredients react together and are consumed without significant atmospheric emissions.

SECTION 5 - PHYSICAL DATA

PHYSICAL STATE: PASTE
COLOR: WHITE
SP.GR: 1.57
DENSITY: 13.1 lbs/gal.

SECTION 6 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: =250° F (For product or lowest flash point ingredient)
FLAMMABILITY CLASSIFICATION: Combustible Class (IIIB)
EXTINGUISHING MEDIA: Water fog, Dry Chemical, Carbon Dioxide, or Foam.
NOTE: EITHER ATMOSPHERE-SUPPLY OR AIR-PURIFYING RESPIRATORS SHOULD BE AVAILABLE FOR FIRE FIGHTERS (20 CFR 1910.134)

SECTION 7 - HEALTH HAZARD DATA

EFFECTS OF OVEREXPOSURE

ACUTE

EYES: Product is moderately irritating to the eyes.
SKIN: Products is moderately irritating to the skin and may cause skin sensitization.
INHALATION: Because of its low volatility this product is not likely to be an inhalation hazard.

INGESTION: Product is considered to have a low order to acute oral toxicity.

CHRONIC

No specific hazards known. Pre-existing eye, skin or lung disorders may be aggravated by exposure to this product.

EMERGENCY AND FIRST AID PROCEDURES

EYES: Immediately flush eyes with large amounts of water for 15 minutes. Get medical attention.

SKIN: Wash affected area immediately with large amounts of soap and water. Remove and wash contaminated clothing before reuse. Contact a physician if irritation occurs.

INHALATION: Remove victim to fresh air and provide oxygen if breathing is difficult. Get medical attention.

INGESTION: Do not induce vomiting. Give large quantities of water. Call a physician immediately. Never give anything by mouth to an unconscious person.

SECTION 8 - REACTIVITY DATA

STABILITY: Stable under normal storage conditions. Unstable at elevated temperatures.

INCOMPATIBILITY: Strong oxidizing agents, strong LEWIS or mineral acids, and strong mineral and organic bases/especially aliphatic amines.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon oxides, aldehydes, acids, phenolics, and other unknown compounds.

SECTION 9 - SPILL OR LEAK PROCEDURES

IF MATERIAL IS SPILLED: Avoid contact with material. Persons not wearing proper protective equipment (see below) should be excluded from the area until clean up is complete. Dike area to prevent spill spreading and scoop up excess to recovery containers. Absorb remnant on noncombustible material such as clay and shovel into containers for disposal.

WASTE DISPOSAL METHOD: Dispose of waste in accordance with federal, state and local regulations.

SECTION 10 - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: Not normally necessary unless the material is used in such a way as to produce dust, mist, vapor, fumes, or smoke, in which case NIOSH approved respiratory protection should be used.

VENTILATION: Should be sufficient to control any dust, mist, vapor or fumes produced by processing or handling method. Breathing of vapor must be avoided.

HAND PROTECTION: Impervious gloves, neoprene or rubber gloves.

EYE PROTECTION: Splash proof goggles or safety glasses with side shields.

OTHER PROTECTIVE EQUIPMENT: Clean, body covering clothing and footwear.

SECTION 11 - SPECIAL PRECAUTIONS

- Avoid skin and eye contact.
 - Avoid breathing vapor, mist or fumes.
 - Ensure that all containers are properly labeled to prevent accidental ingestion or improper disposal.
 - Reseal partly used containers.
 - Wash with soap and water before eating, drinking or using toilet facilities.
 - Store under cool, dry conditions and away from open flames and high temperatures.
 - Observe conditions of good industrial hygiene and safe working practice.
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SECTION 12- COMMENTS

THE INFORMATION ACCUMULATED HEREIN IS BELIEVED TO BE ACCURATE BUT IS NOT WARRANTED TO BE, WHETHER ORIGINATING WITH FIBRE GLAST DEVELOPMENTS CORPORATION OR NOT. RECIPIENTS ARE ADVISED TO CONFIRM IN ADVANCE OF NEED THAT THE INFORMATION IS CURRENT, APPLICABLE, AND SUITABLE TO THEIR CIRCUMSTANCES.



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SECTION 1 - PRODUCT INFORMATION

PRODUCT NAME: PART #1101-B EPOXY BONDING ADHESIVE

PROPER SHIPPING NAME: CORROSIVE LIQUID, N.O.S.

CONTAINS: MODIFIED AMINE MIXTURE

HAZARD CLASS: 8

UN NUMBER: UN1760

PACKAGING GROUP: III

HAZARD LABEL(S): CORROSIVE

HMIS CODES:		RATINGS:	
HEALTH = 2	0 = MINIMAL	3 = SERIOUS	
FLAMMABILITY = 1	1 = SLIGHT	4 = SEVERE	
REACTIVITY = 0	2 = MODERATE		

Personal protection rating to be supplied by user depending on use conditions.

SECTION 2 - PRODUCT/COMPOSITION

The precise composition on this product is privileged information. A more complete disclosure can be provided to a health, safety, or regulatory professional is required.

<u>NO.</u>	<u>COMPONENT</u>	<u>CASE #</u>	<u>PERCENT</u>
P	AMIDOAMINE ALUMINA/SILICA MIXTURE	N.A.	< 100%
2	BISPHENOL A	80-05-7	< 2%

NOTE: Contains material(s) regulated as dust hazards, dispersed in a non-hazardous form. If dust is recreated, appropriate respiratory and/or explosion precautions must still be used.

SECTION 3 - HAZARD STATUS

<u>NO.</u>	<u>CANCER</u>	<u>REPRO-TOX</u>	<u>TARGET ORGANS</u>	<u>ACGIH/TLV</u>	<u>OSHA/PEL</u>
P	NO	NO	UNKNOWN	N.A. mg/M ³	N.A. mg/M ³
2	NO	NO	UNKNOWN	N.A. mg/M ³	N.A. mg/M ³

SECTION 4 - REGULATORY STATUS

A. CAL SAFE DRINKING WATER & TOXIC ENFORCEMENT ACT OF 1986

NO.	CHEMICAL NAME	CANCER/REPRO TOX	QUANTITY
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This product may contain traces of, or other prop. 65 listed chemicals as impurities. However, none are used as ingredients.

B. CERCLA - 40 CFR 302

Releases exceeding the reportable quantity (RQ) must be reported to the National Response Center (800) 424-8802.

RQ = 100 lbs. (Unlisted hazardous waste-characteristic of corrosivity)

C. OSHA - 29 CFR 1910

According to OSHA criteria the following component(s) are hazardous.

P	AMIDOAMINE ALUMINA/SILICA MIXTURE	N.A.	<100 %
2	BISPHENOL A	80-05-7	<2%

D. RCRA - 40 CFR 261

Product is an unlisted RCRA corrosive waste.

E. SARA TITLE III - 52 CFR 13378, 52 CFR 21152

NO.	RQ (lbs) (.1)	TPQ (lbs) (.2)	SEC. 313 (.3)	313 CAT (.4)	311/312 (.5)
P	NONE	NOT LISTED	NOT LISTED	NONE	H1
2	NONE	NOT LISTED	YES	NONE	H1

Other SARA substance(s) if present are all below the de minimus concentrations(s).

- .1 = Reportable quantity of extremely hazardous substance, Sec. 302
- .2 = Threshold planning quantity, extremely hazardous substance, Sec. 302
- .3 = Toxic chemical, Sec. 313 (Individual chemical listed)
- .4 = Toxic release inventory form category Sec. 313 (40 CFR 372.65 C)
- .5 = Hazard category for SARA Sec. 311/312 Reporting
- H1 = Immed. (Acute) Health hazard

H2 = Delayed (Chronic) Health hazard
P3 = Fire hazard

P4 = Sudden pressure release hazard
P5 = Reactive hazard

F. TSCA - 44 CFR 59764

All components listed.

G. VOC - SCAQMD RULES

NO.	CHEMICAL	QUANTITY	VP mm HG	gms. / l @ 20°C
	NIL			

NOTE: This product does not contain solvents, but may contain ingredients with VP's low enough to be emitted if heated alone. When 2 part resins and hardeners are properly mixed together these ingredients react together and are consumed without significant atmospheric emissions.

SECTION 5 - PHYSICAL DATA

PHYSICAL STATE: PASTE
COLOR : TAN
SP. GR. : 1.59
DENSITY : 13.2 lbs. /gal.

SECTION 6 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: =200°F (For product or lowest flash point ingredient)
FLAMMABILITY CLASSIFICATION: Combustible class (IIIB)
EXTINGUISHING MEDIA: Water Fog, Dry Chemical, Carbon Dioxide, or Foam.
NOTE: Either atmosphere-supply or air-purifying respirators should be available for fire fighters (20 CFR 1910.134)

SECTION 7 - HEALTH HAZARD DATA

EFFECTS OF OVEREXPOSURE

ACUTE

EYES: Causes severe conjunctival irritation, corneal injury and iritis.
SKIN: May cause irritation, burns, ulceration, or skin sensitization.
INHALATION: Vapors are irritating and may cause tears, burning of nose and throat, coughing, wheezing, nausea, and vomiting.
INGESTION: Moderately toxic, may cause mouth and throat burns, abdominal pain, nausea, vomiting, weakness, thirst and coma.

CHRONIC

Amine vapors may cause liver & kidney injury. Eye, skin or lung disorders may develop or be aggravated by amines.

EMERGENCY AND FIRST AID PROCEDURES

EYES: Immediately flush eyes with large amounts of water for 15 minutes. Get medical attention.

SKIN: Wash affected area immediately with large amounts of soap and water. Remove and wash contaminated clothing before reuse. Contact a physician if irritation occurs.

INHALATION: Remove victim to fresh air and provide oxygen if breathing is difficult. Get medical attention.

INGESTION: Do not induce vomiting. Give large quantities of water. Call a physician immediately. Never give anything by mouth to an unconscious person.

SECTION 8 - REACTIVITY DATA

STABILITY: Stable under normal storage conditions. Unstable at elevated temperatures.

INCOMPATIBILITY: Strong oxidizing agents, strong lewis or mineral acids.

HAZARDOUS DECOMPOSITION PRODUCTS: Nitrogen oxides, oxides of carbon and nitrogen and other unknown organic compounds.

SECTION 9 - SPILL OR LEAK PROCEDURES

IF MATERIAL IS SPILLED: Avoid contact with material. Persons not wearing proper protective equipment (see below) should be excluded from the area until clean up is complete. Dike area to prevent spill spreading and scoop up excess to recovery containers. Absorb remnant on noncombustible material such as clay and shovel into containers for disposal.

WASTE DISPOSAL METHOD: Dispose of waste in accordance with Federal, State, and Local regulations.

SECTION 10 - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: Not normally necessary unless the material is being used in such a way as to produce dust, mist, vapor or fumes, or smoke, in which case NIOSH approved respiratory protection should be used.

VENTILATION: Should be sufficient to control any dust, mist, vapor or fumes produced by processing or handling method. Breathing vapor must be avoided.

HAND PROTECTION: Impervious gloves, neoprene or rubber gloves.

EYE PROTECTION: Splash proof goggles or safety glasses with side shields.

OTHER PROTECTIVE EQUIPMENT: Clean, body covering clothing and footwear.

SECTION 11 - SPECIAL PRECAUTIONS

- Avoid skin and eye contact.
 - Avoid breathing vapor, mist or fumes.
 - Ensure that all containers are properly labeled to prevent accidental ingestion or improper disposal.
 - Reseal partly used containers.
 - Wash with soap and water before eating, drinking or using toilet facilities.
 - Store under cool, dry conditions and away from open flames and high temperatures.
 - Observe conditions of good industrial hygiene and safe working practice.
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SECTION 12 - COMMENTS

The information accumulated herein is believed to be accurate but is not warranted to be, whether originating with Fibre Glast Developments Corporation or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances.



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<u>NO.</u>	<u>COMPONENT</u>	<u>CASE #</u>	<u>PERCENT</u>
P	AMIDOAMINE ALUMINA/SILICA MIXTURE	N.A.	< 100%
2	BISPHENOL A	80-05-7	< 2%

NOTE: Contains material(s) regulated as dust hazards, dispersed in a non-hazardous form. If dust is recreated, appropriate respiratory and/or explosion precautions must still be used.

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<u>NO.</u>	<u>CANCER</u>	<u>REPRO-TOX</u>	<u>TARGET ORGANS</u>	<u>ACGIH/TLV</u>	<u>OSHA/PEL</u>
P	NO	NO	UNKNOWN	N.A. mg/M ³	N.A. mg/M ³
2	NO	NO	UNKNOWN	N.A. mg/M ³	N.A. mg/M ³

SECTION 4 - REGULATORY STATUS

A. CAL SAFE DRINKING WATER & TOXIC ENFORCEMENT ACT OF 1986

NO.	CHEMICAL NAME	CANCER/REPRO TOX	QUANTITY
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This product may contain traces of, or other prop. 65 listed chemicals as impurities. However, none are used as ingredients.

B. CERCLA - 40 CFR 302

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RQ = 100 lbs. (Unlisted hazardous waste-characteristic of corrosivity)

C. OSHA - 29 CFR 1910

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D. RCRA - 40 CFR 261

Product is an unlisted RCRA corrosive waste.

E. SARA TITLE III - 52 CFR 13378, 52 CFR 21152

NO.	RQ (lbs) (.1)	TPQ (lbs) (.2)	SEC. 313 (.3)	313 CAT (.4)	311/312 (.5)
P	NONE	NOT LISTED	NOT LISTED	NONE	H1
2	NONE	NOT LISTED	YES	NONE	H1

Other SARA substance(s) if present are all below the de minimus concentrations(s).

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H2 = Delayed (Chronic) Health hazard
P3 = Fire hazard

P4 = Sudden pressure release hazard
P5 = Reactive hazard

F. TSCA - 44 CFR 59764

All components listed.

G. VOC - SCAQMD RULES

NO.	CHEMICAL	QUANTITY	VP mm HG	gms. / l @ 20°C
	NIL			

NOTE: This product does not contain solvents, but may contain ingredients with VP's low enough to be emitted if heated alone. When 2 part resins and hardeners are properly mixed together these ingredients react together and are consumed without significant atmospheric emissions.

SECTION 5 - PHYSICAL DATA

PHYSICAL STATE: PASTE
COLOR : TAN
SP. GR. : 1.59
DENSITY : 13.2 lbs. /gal.

SECTION 6 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: =200°F (For product or lowest flash point ingredient)
FLAMMABILITY CLASSIFICATION: Combustible class (IIIB)
EXTINGUISHING MEDIA: Water Fog, Dry Chemical, Carbon Dioxide, or Foam.
NOTE: Either atmosphere-supply or air-purifying respirators should be available for fire fighters (20 CFR 1910.134)

SECTION 7 - HEALTH HAZARD DATA

EFFECTS OF OVEREXPOSURE

ACUTE

EYES: Causes severe conjunctival irritation, corneal injury and iritis.
SKIN: May cause irritation, burns, ulceration, or skin sensitization.
INHALATION: Vapors are irritating and may cause tears, burning of nose and throat, coughing, wheezing, nausea, and vomiting.
INGESTION: Moderately toxic, may cause mouth and throat burns, abdominal pain, nausea, vomiting, weakness, thirst and coma.

CHRONIC

Amine vapors may cause liver & kidney injury. Eye, skin or lung disorders may develop or be aggravated by amines.

EMERGENCY AND FIRST AID PROCEDURES

EYES: Immediately flush eyes with large amounts of water for 15 minutes. Get medical attention.

SKIN: Wash affected area immediately with large amounts of soap and water. Remove and wash contaminated clothing before reuse. Contact a physician if irritation occurs.

INHALATION: Remove victim to fresh air and provide oxygen if breathing is difficult. Get medical attention.

INGESTION: Do not induce vomiting. Give large quantities of water. Call a physician immediately. Never give anything by mouth to an unconscious person.

SECTION 8 - REACTIVITY DATA

STABILITY: Stable under normal storage conditions. Unstable at elevated temperatures.

INCOMPATIBILITY: Strong oxidizing agents, strong lewis or mineral acids.

HAZARDOUS DECOMPOSITION PRODUCTS: Nitrogen oxides, oxides of carbon and nitrogen and other unknown organic compounds.

SECTION 9 - SPILL OR LEAK PROCEDURES

IF MATERIAL IS SPILLED: Avoid contact with material. Persons not wearing proper protective equipment (see below) should be excluded from the area until clean up is complete. Dike area to prevent spill spreading and scoop up excess to recovery containers. Absorb remnant on noncombustible material such as clay and shovel into containers for disposal.

WASTE DISPOSAL METHOD: Dispose of waste in accordance with Federal, State, and Local regulations.

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VENTILATION: Should be sufficient to control any dust, mist, vapor or fumes produced by processing or handling method. Breathing vapor must be avoided.

HAND PROTECTION: Impervious gloves, neoprene or rubber gloves.

EYE PROTECTION: Splash proof goggles or safety glasses with side shields.

OTHER PROTECTIVE EQUIPMENT: Clean, body covering clothing and footwear.

SECTION 11 - SPECIAL PRECAUTIONS

- Avoid skin and eye contact.
 - Avoid breathing vapor, mist or fumes.
 - Ensure that all containers are properly labeled to prevent accidental ingestion or improper disposal.
 - Reseal partly used containers.
 - Wash with soap and water before eating, drinking or using toilet facilities.
 - Store under cool, dry conditions and away from open flames and high temperatures.
 - Observe conditions of good industrial hygiene and safe working practice.
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The information accumulated herein is believed to be accurate but is not warranted to be, whether originating with Fibre Glaz Developments Corporation or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances.